

Listing of Claims:

1. (Currently Amended) An image display device comprising:
a display portion that ~~projects~~ is configured to project,
via eyepiece optical systems ~~which~~ respectively ~~correspond~~
corresponding to ~~each of the both~~ eyes of a user, a light emitted
5 from a ~~two-dimensionally~~ two-dimensional light emitting type
photoelectric device which is perpendicular to ~~the~~ a light beam
emitting direction onto the eyeballs of said user;
a supporting portion that supports said display portion at
~~its~~ a portion that is not in contact with said user; and
10 a face contact portion that is supported by said display
portion, that is ~~provided in~~ configured to contact with ~~the~~ face
sides of said user, ~~sandwiches~~ so as to sandwich the face of
said user, and that is capable of changing ~~the~~ a distance between
said eyepiece optical systems and the eyes of said user.

2. (Currently Amended) ~~An~~ The image display device
according to claim 1, wherein said display portion is movable in
accordance with ~~the~~ movement of the head of said user, and with
the distance between said eyepiece optical systems and the eyes
5 of said user, such that a portion of said face contact portion
~~being~~ is a point of support.

3. (Currently Amended) ~~An~~ The image display device according to claim 1, wherein said face contact portion ~~comes~~ is configured to come into contact with the face sides by sandwiching ~~the~~ both ears of said user, and

5 wherein ~~the~~ a portion sandwiching said both ears comprises a sound output mechanism.

4. (Currently Amended) ~~An~~ The image display device according to claim 1, wherein said face contact portion comprises an elastic member for coming into contact with the face sides of said user, and

5 wherein said face contact portion comprises, independently of said elastic member, a width changing portion for changing a ~~that changes the~~ face sandwiching width, and a distance changing portion ~~that changes~~ for changing the distance between said eyepiece optical systems and the eyes of said user.

5. (Currently Amended) ~~An~~ The image display device according to claim 1, wherein said display portion changes, in accordance with the distance between said eyepiece optical systems and the eyes of said user, ~~the~~ a size of an image to be displayed.

6. (Currently Amended) ~~An~~ The image display device according to claim 1, wherein said display portion comprises [[a]] face fixing ~~member~~ members in a portion that faces ~~the~~ a front side of the face of said user, and

5 wherein said face contact portion ~~can~~ is configured to change ~~its~~ a position thereof to a distance where the front side of the face of said user is in contact with said face fixing ~~member~~ members, and to a distance where without the front side of the face of said user being in contact with said face fixing
10 members, ~~the~~ a sight line of the both eyes of said user is, relative to said display portion, ~~relatively~~ movable around ~~the~~ an axis passing through ~~the~~ both ears of said user.

7. (Currently Amended) ~~An~~ The image display device according to claim 6, wherein said ~~display portion comprises said~~ face fixing members ~~in a manner that they, evading the~~ are adapted to evade an eyeglass frame of said user, and are adapted
5 to be discretely provided around and above and below said both eyes, and

wherein said display portion comprises light-shielding members which are for shielding light from ~~the~~ outside ~~in the~~ and which are adapted to be on right-and-left outsides of said
10 eyeglass frame.

8. (Currently Amended) ~~An~~ The image display device according to claim 6, wherein said display portion comprises a frame recognition portion that recognizes whether there exists an eyeglass frame of said user, and

5 wherein ~~the~~ a thickness in ~~the~~ a optical axis direction of said eyepiece optical systems is changeable in accordance with ~~the~~ recognition results by said frame recognition portion.

9. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein each of said eyepiece optical systems in said display portion ~~is constituted by~~ comprises at least three pieces of lenses.

10. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein in each of said eyepiece optical systems in said display portion, ~~the~~ a lens located most distant from ~~said~~ an eye is ~~constituted by~~ a cemented lens.

11. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein in each of said eyepiece optical systems in said display portion, ~~the~~ a lens located nearest to ~~said~~ an eye is ~~constituted by~~ a lens of which at least
5 one surface is a conic surface with conic constant $K < 0$.

12. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein said display portion comprises relay optical systems and light diffusing plates between said photoelectric device and said eyepiece optical systems, and

wherein ~~the~~ transmitted images of said light diffusing plates are projected, via said eyepiece optical systems, onto the eyeballs of said user.

13. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein said supporting portion comprises a balance portion that cancels ~~the moment~~ a movement of said display portion relative to said supporting portion, and

wherein said supporting portion comprises a hardwiring for connecting said display portion to ~~the~~ an outside, said hardwiring being provided along ~~the~~ an inside of said supporting portion, and

wherein a portion of said display portion is fixed to a portion of said balance portion.

14. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein said supporting portion is expandable and contractible.

15. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 14, further comprising:

a setting condition detection portion that detects ~~the~~ a setting condition; and

5 a supporting portion control portion that suppresses the expansion and contraction changes of said supporting portion when said setting condition detection portion detects that the setting condition has significantly deteriorated.

16. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, further comprising [[:]] an adjustment portion which is provided on a portion of said supporting portion and which adjusts at least ~~either the~~ one of a setting angle of said supporting portion relative to a floor portion ~~or the~~ and a setting angle of said display portion relative to said floor portion.

17. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 16, wherein said supporting portion comprises a vertical balance portion having a weight.

18. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, wherein said display portion can change ~~the~~ a content of ~~the~~ a center region in ~~the~~ a projection

area and ~~the~~ a content of ~~the~~ a peripheral region in the
5 projection area, when said display portion displays ~~said~~ an
image, and

wherein said display portion performs either a first display
in which said image is projected with a high-definition in said
center region and said image is projected with a low-definition
10 in said peripheral region or a second display in which ~~the~~ an
entirety of said image is projected with a high-definition in
said center region and ~~an image~~ a different image from said image
is projected with a low-definition in said peripheral region.

19. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 18, wherein when said display portion
performs said second display, said display portion displays ~~an~~
~~image different from~~ said different image in ~~the~~ a portion of
5 said photoelectric device corresponding to said peripheral
region.

20. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 19, wherein when said display portion
performs said second display, said display portion displays an
image having predetermined patterns of which sizes become smaller
5 as they near said center region in the portion of said
photoelectric device corresponding to said peripheral region.

21. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 20, wherein when said display portion performs said second display, said display portion displays, in ~~the~~ a portion of said photoelectric device corresponding to said center region, an image having in at least a peripheral portion ~~of the periphery~~ of the portion of said photoelectric device corresponding to said center region, small ~~said~~ predetermined patterns that are similar to and smaller than said predetermined patterns.

22. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 21, wherein when said display portion performs said second display, said display portion projects said image in a defocused condition in said peripheral region.

23. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 18, wherein said face contact portion comprises a movement detection portion that detects ~~the~~ movement of the face of said user, and

wherein said display portion shifts ~~the~~ a display region of the image to be displayed on said photoelectric device in ~~the~~ a portion of said photoelectric device corresponding to said center

region, in accordance with the movement of the face of said user detected by said movement detection portion.

24. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 18, wherein when said display portion performs said second display, said display portion displays information relating to ~~the~~ operation by said user as ~~an~~ the different image ~~different from said image in the~~ a portion of said photoelectric device corresponding to said peripheral region.

25. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 18, wherein said face contact portion comprises a movement detection portion that detects ~~the~~ movement of the face of said user, and

wherein said display portion shifts either ~~the~~ a display region of the image to be displayed on said photoelectric device in ~~the~~ a portion of said photoelectric device corresponding to said center region or ~~the~~ a display region where ~~the~~ information relating to ~~the~~ operation by said user is displayed, in accordance with the movement of the face of said user detected by said movement detection portion.

26. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 1, further comprising:

an information recording portion that records information relating to said user; and

5 a control portion which reads out the information relating to said user recorded in said information recording portion and, based on the information, controls said display portion and said face contact portion.

27. (Withdrawn - Currently Amended) An image display system comprising:

a display portion that ~~projects~~ is configured to project, via eyepiece optical systems ~~which~~ respectively ~~correspond~~
5 corresponding to ~~each of the both~~ eyes of a user, a light emitted from a ~~two-dimensionally~~ two-dimensional light emitting type photoelectric device which is perpendicular to ~~the~~ a light beam emitting direction onto the eyeballs of said user;

10 a chair portion on which said user can sit and of which a backrest portion is reclinable;

a supporting portion which is united with said chair portion and which supports said display portion at ~~its~~ a portion that is not in contact with said user; and

15 a face contact portion which is supported by said display
portion and which is configured to come ~~comes~~ into contact with
the face of said user,

wherein said supporting portion is movable so that said
display portion follows the head of said user in accordance with
the inclination of the backrest portion of said chair portion.

28. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 27, wherein said face contact portion
is ~~provided in~~ configured to contact with ~~the~~ face sides of said
user ~~and sandwiches~~ so as to sandwich the face of said user, and
5 wherein said display portion is movable in accordance with
~~the~~ movement of the head of said user, a portion of said face
contact portion being a point of support.

29. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 27, wherein said supporting portion
comprises a balance portion that cancels ~~the moment~~ movement of
said display portion relative to said supporting portion.

30. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim ~~27~~ 29, wherein said supporting portion
comprises:

a string-like flexible member that connects said display
5 portion and said balance portion, and

a friction relaxing mechanism that relaxes ~~the~~ friction
occurring to said flexible member.

31. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 30, wherein said supporting portion
comprises a stainless-steel fiber as said string-like flexible
member.

32. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 30, wherein said supporting portion
comprises a para-type aramid fiber as said string-like flexible
member.

33. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 30, wherein said supporting portion
comprises a drop prevention mechanism that prevents said display
portion from dropping when said flexible member breaks.

34. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 30, wherein said supporting portion
comprises a cover that covers ~~the~~ a surface of the supporting
portion.

35. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 30, further comprising a hardwiring, for connecting said display portion to ~~the~~ an outside, in ~~the~~ an inside of said supporting portion,

5 wherein said hardwiring ~~being~~ is provided along said string-like flexible member, and wherein a portion of said display portion is fixed to a portion of said balance portion.

36. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim ~~27~~ 29, wherein said supporting portion comprises a weight in said balance portion,

5 wherein said supporting portion comprises a supporting column,

 wherein said supporting column supports said display portion and said weight by suspending them in a manner of a balance, and

 wherein when assuming that ~~the~~ a weight of said display portion is M, that ~~the~~ a weight of said weight is m, that ~~the~~ a distance between said display portion and a fulcrum is L, and that ~~the~~ a distance between said weight and said fulcrum is l, said supporting column holds said fulcrum at a position where $ML=ml$ is satisfied.

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37. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 27, wherein said supporting portion is

disposed adjacent to said backrest portion of said chair portion,
and

5 wherein said chair portion comprises a parallel link member
which keeps ~~the~~ an inclination of said supporting portion
relative to ~~the~~ a ground in ~~the~~ a vertical direction, when said
backrest portion inclines.

38. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 27, wherein when said user detaches
said display portion from the face, said supporting portion
evacuates said display portion out of ~~the~~ a region defined by ~~the~~
5 an arc that is centered at the hips of said user and that is
drawn by said head ~~at its center being the hips~~ of said user.

39. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 27, wherein said supporting portion is
expandable and contractible.

40. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 39, further comprising:

a setting condition detection portion that detects ~~the~~ a
setting condition; and

5 a supporting portion control portion that suppresses the
expansion and contraction changes of said supporting portion when

said setting condition detection portion detects that the setting condition has significantly deteriorated.

41. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 27, further comprising [[:]] an adjustment portion which is provided on a portion of said supporting portion and which adjusts at least ~~either the~~ one of a setting angle of said supporting portion relative to a floor portion ~~or the~~ and a setting angle of said display portion relative to said floor portion.

42. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 41, wherein said supporting portion comprises a vertical balance portion having a weight.

43. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 27, wherein said display portion can change ~~the~~ a content of ~~the~~ a center region in ~~the~~ a projection area and ~~the~~ a content of ~~the~~ a peripheral region in the projection area, when said display portion displays ~~said~~ an image, and

wherein said display portion performs either a first display in which said image is projected with a high-definition in said center region and said image is projected with a low-definition

10 in said peripheral region or a second display in which ~~the~~ an
entirety of said image is projected with a high-definition in
said center region and ~~an image~~ a different image from said image
is projected with a low-definition in said peripheral region.

44. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 43, wherein when said display portion
performs said second display, said display portion displays ~~an~~
~~image~~ said different ~~from said image in the~~ a portion of said
5 photoelectric device corresponding to said peripheral region.

45. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 44, wherein when said display portion
performs said second display, said display portion displays an
image having predetermined patterns of which sizes become smaller
5 as they near said center region in the portion of said
photoelectric device corresponding to said peripheral region.

46. (Withdrawn - Currently Amended) ~~An~~ The image display
system according to claim 45, wherein when said display portion
performs said second display, said display portion displays, in
~~the~~ a portion of said photoelectric device corresponding to said
5 center region, an image having in at least a peripheral portion
~~of the periphery~~ of the portion of said photoelectric device

corresponding to said center region, small ~~said~~ predetermined patterns that are similar to and smaller than said predetermined patterns.

47. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 46, wherein when said display portion performs said second display, said display portion projects said image in a defocused condition in said peripheral region.

48. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 43, wherein said face contact portion comprises a movement detection portion that detects ~~the~~ movement of the face of said user, and

5 wherein said display portion shifts ~~the~~ a display region of the image to be displayed on said photoelectric device in ~~the~~ a portion of said photoelectric device corresponding to said center region, in accordance with the movement of the face of said user detected by said movement detection portion.

49. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 43, wherein when said display portion performs said second display, said display portion displays information relating to ~~the~~ operation by said user as ~~an~~ the different image ~~different from said image~~ in ~~the~~ a portion of

5

said photoelectric device corresponding to said peripheral region.

50. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 43, wherein said face contact portion comprises a movement detection portion that detects ~~the~~ movement of the face of said user, and

5 wherein said display portion shifts either ~~the~~ a display region of the image to be displayed on said photoelectric device in ~~the~~ a portion of said photoelectric device corresponding to said center region or ~~the~~ a display region where ~~the~~ information relating to ~~the~~ operation by said user is displayed, in
10 accordance with the movement of the face of said user detected by said movement detection portion.

51. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 27, further comprising:

an information recording portion that records information relating to said user; and

5 a control portion which reads out the information relating to said user recorded in said information recording portion and, based on the information, controls said display portion and said face contact portion.

52. (Withdrawn - Currently Amended) ~~An~~ The image display system according to claim 27, further comprising:

a sound output portion which is disposed in the backrest portion of said chair portion and which outputs sound information to said user; and

a vibration portion which is disposed in said chair portion and which vibrates in concert with at least one of ~~said~~ an image and said sound information.

Claims 53-60 (Canceled).

61. (Withdrawn - Currently Amended) An image display device comprising:

a display portion that ~~projects~~ is configured to project, via eyepiece optical systems ~~which~~ respectively ~~correspond~~ corresponding to ~~each of the both~~ eyes of a user, a light emitted from a ~~two-dimensionally~~ two-dimensional light emitting type photoelectric device which is perpendicular to ~~the~~ a light beam emitting direction onto the eyeballs of said user;

a supporting portion that supports said display portion at ~~its~~ a portion that is not in contact with said user; and

a face contact portion that is supported by said display portion and that is configured to come ~~comes~~ into contact with the face of said user,

15 wherein said display portion can change ~~the~~ a content of ~~the~~
a center region in ~~the~~ a projection area and ~~the~~ a content of ~~the~~
a peripheral region in the projection area, when said display
portion displays ~~said~~ an image, and

20 wherein said display portion performs either a first display
in which said image is projected with a high-definition in said
center region and said image is projected with a low-definition
in said peripheral region or a second display in which ~~the~~ an
entirety of said image is projected with a high-definition in
said center region and ~~an image~~ a different image from said image
is projected with a low-definition in said peripheral region.

62. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 61, wherein when said display portion
performs said second display, said display portion displays ~~an~~
~~image different from~~ said different image in ~~the~~ a portion of
5 said photoelectric device corresponding to said peripheral
region.

63. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 62, wherein when said display portion
performs said second display, said display portion displays an
image having predetermined patterns of which sizes become smaller

5 as they near said center region in the portion of said
photoelectric device corresponding to said peripheral region.

64. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 63, wherein when said display portion
performs said second display, said display portion displays, in
~~the~~ a portion of said photoelectric device corresponding to said
5 center region, an image having in at least a peripheral portion
~~of the periphery~~ of the portion of said photoelectric device
corresponding to said center region, small ~~said~~ predetermined
patterns that are similar to and smaller than said predetermined
patterns.

65. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 64, wherein when said display portion
performs said second display, said display portion projects said
image in a defocused condition in said peripheral region.

66. (Withdrawn - Currently Amended) ~~An~~ The image display
device according to claim 61, wherein said face contact portion
comprises a movement detection portion that detects ~~the~~ movement
of the face of said user, and
5 wherein said display portion shifts ~~the~~ a display region of
the image to be displayed on said photoelectric device in ~~the~~ a

portion of said photoelectric device corresponding to said center region, in accordance with the movement of the face of said user detected by said movement detection portion.

67. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 61, wherein when said display portion performs said second display, said display portion displays information relating to ~~the~~ operation by said user as ~~an~~ the different image ~~different from said image in the~~ a portion of said photoelectric device corresponding to said peripheral region.

68. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 61, wherein said face contact portion comprises a movement detection portion that detects ~~the~~ movement of the face of said user, and

wherein said display portion shifts either ~~the~~ a display region of the image to be displayed on said photoelectric device in ~~the~~ a portion of said photoelectric device corresponding to said center region or ~~the~~ a display region where ~~the~~ information relating to ~~the~~ operation by said user is displayed, in accordance with the movement of the face of said user detected by said movement detection portion.

69. (Withdrawn - Currently Amended) ~~An~~ The image display device according to claim 61, wherein said face contact portion is ~~provided in~~ configured to contact with ~~the~~ face sides of said user ~~and sandwiches~~ so as to sandwich the face of said user, and

5 wherein said display portion is movable in accordance with ~~the~~ movement of the head of said user, a portion of said face contact portion being a point of support.

Claims 70-79 (Canceled).